WG13 Issues - CIM Issues #6702

Grid Package: PhaseImpedanceData to support electrical parameters templates

02/08/2024 09:36 AM - Celso Rocha

Status:	Open		
Priority:	Normal		
Target version:			
Author/Contact Info:	Celso Rocha	**Standard(s):**	61970-301
Base Release:		**Version:**	
Solution to be Applied To:	CIM18v10	**Clause:**	
Solution Version:		**Sub-Clause:**	
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	
CIM Keywords:	61970-Wires	**Originally Closed in Version:**	
Breaking Change:	No	**Origination Date:**	
Breaking Change Description:		**Origination ID:**	
CIM Impacted Groups:	WG13, WG14	**Originally Assigned To:**	
Requestor:			

Description

In [#5298](), PhaseImpedanceData.fromPhase and PhaseImpedanceData.toPhase attributes have been removed. However, there is a use case for keeping those attributes, that is the use of line templates with electrical parameters. This is somewhat common on the distribution space. For example, find attached a screenshot of an Unbalanced line template in CYME where the entries of the matrix are specified using phases.

Proposed Solution

(Re)add PhaseImpedanceData.fromPhase and PhaseImpedanceData.toPhase attributes and update the description of PhaseImpedanceData class accordingly.

History

#1 - 02/08/2024 10:23 AM - Todd Viegut

- Status changed from New to Open

- Author/Contact Info set to Celso Rocha

- Solution to be Applied To set to CIM18v10

- CIM Impacted Groups WG14 added

Files

Grid Package - PhaseImpedanceData to support electrical parameters templates.docx	16.5 KB	02/08/2024	Celso Rocha
OverheadLineUnbalancedDB - CYME.PNG	184 KB	02/08/2024	Celso Rocha